TEXAS A&M UNIVERSITY – CORPUS CHRISTI
ADVANCED PROBLEM SOLVING

Course Number: MSCI 4305.001, meets at times agreed upon by student and PMS, CRN 63665
Course Name: Advanced Problem Solving
Instructor: LTC Curtis Johnson
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Required Materials
Readings available online at:
   - Army Doctrine Publications (ADP)
   - Army Doctrine Reference Publications (ADRP)
   - Field Manuals (FM)
   - Leader Guide (LG)
   - Army Regulations (AR)
   - Training Circulars (TC)
   - Other Resources
2. https://rotc.blackboard.com/webapps/portal/frameset.jsp
   - Cadet eBook
   - Leadership Development Program Handbook

Optional Materials:
Platoon Leader Forum- The Platoon Leader forum is an interactive social networking site for the professional development of junior officers. This site provides Cadets the opportunity to engage one’s peers, learn from the experiences of others, and develop relationships in a virtual environment. MSLIV Cadets are strongly encouraged to register and participate on this forum. The link to PlatoonLeader is located on the ROTC Blackboard website under the Interesting Links block or at: http://platoonleader.army.mil/.

Prerequisites:
Completion of Military Science (MS) III or IV, and approval of the Professor of Military Science

Instructional Methodology:
This class will be conducted in an interactive manner. Everyone will be responsible for contributing to the success of the learning experience. Lectures are expected to be interactive–ask questions. You will have small group discussions and exercises scattered throughout the class. Time will be given in class to discuss and work on projects and papers. This program includes class lessons as well as outside activities such as Leadership Labs, FTXs and PT training. Contracted Cadets are required to participate in the full program.

High Impact Practices (HIPS) utilized during this course: Common Intellectual Experiences, Collaborative Assignments and Projects, Diversity/Global Learning, and Service / Community Based Learning.
I. Course Description
MSCI 4305 – Advanced Problem Solving is a course for cadets who have completed the Military Science Requirements. The course is designed on the Army’s Outcomes Based Training and Education (OBT&E) model. The student and instructor will develop the expected outcomes, and the student will develop a plan with goals and objectives to achieve the expected outcome.

II. Rationale
The rationale for this course is to better prepare Cadets to be Adaptive Leaders in a complex environment.

III. Proficiencies for teachers
Extensive military service and competency in instruction preferred.

IV. TExES Competencies
(N/A)

V. Course Objectives
This course is designed to enable students to: Research and develop the best course of action by using the Army’s OBT&E model that will enhance the Islander Battalion mission.

VI. Course Topics.
The major topics to be considered are: The US. Army Cultural Understanding and Language Program and its affect on Cadet Command; The Army’s 8-step training model and its affect on mission accomplishment.

VII. Instructional Methods and Activities
The course will primarily focus on developing a plan to execute proposed programs that will increase mission success. This will be accomplished through:
A. Traditional Experiences: (discussion)
B. Independent Research
C. Use of the Army Training Models

VIII. Evaluation and Grade Assignment

A. Performance Assessment
Evaluation of the student will be based on completion of prerequisite requirements for the research study, marketing and recruitment of participants, logistical plan and timeline, literature review and data collection. A final report of the accomplishments achieved within the course will also be required of the course.

Effective use of the Army’s Military Decision Making Process (MDMP)= 50pts
Development of at least three Courses of Actions (COAs) = 50pts
Presentation of Final OBT&E and recommended COA = 100pts

B. Final Presentation: The final presentation shall outline the MDMP process that includes identifying the problem, mission analysis, developing three COAs, and recommending the best COA to best accomplish the mission.
C. Grading Scale

90-100% = A  
80-89% = B  
70-79% = C  
60-69% = D  
< 60 % = F

Academic Integrity/Plagiarism.
University students are expected to conduct themselves in accordance with the highest standards of academic honesty. Academic misconduct for which a student is subject to penalty includes all forms of cheating, such as illicit possession of examinations or examination materials, falsification, forgery, complicity or plagiarism. (Plagiarism is the presentation of the work of another as one’s own work.)

Disciplinary action for academic misconduct is the responsibility of the faculty member assigned to the course. The faculty member is charged with assessing the gravity of any case of academic dishonesty, and with giving sanction to any student involved.

Penalties that may be applied to individual cases of academic dishonesty include one or more of the following:
1. Written reprimand.
2. Requirement to re-do work in question.
3. Requirement to submit additional work.
4. Lowering of grade on work in question;
5. Assigning grade of 'F' to work in question;
6. Assigning grade of 'F' for course;
7. Recommendation for more severe punishment, such as dismissal from the program or from the University.
8. See the University Catalog for more information.

IX. Textbook(s)

The textbook(s) adopted for this course is/are: To Be Determined

X. Bibliography

TBD

XI. Grade Appeals

As stated in University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see University Procedure 13.02.99.C2.01, Student Grade
Appeal Procedures. These documents are accessible through the University Rules Web site at http://www.tamucc.edu/provost/university_rules/index.html. For assistance and/or guidance in the grade appeal process, students may contact the Dean’s office in the college in which the course is taught or the Office of the Provost.

XII. Disability Accommodations

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please call or visit Disability Services at (361) 825-5816 in Corpus Christi Hall 116.

If you are a returning veteran and are experiencing cognitive and/or physical access issues in the classroom or on campus, please contact the Disability Services office for assistance at (361) 825-5816.

I, (print name)____________________________________________, certify by my signature that I have read and understand the class policies that have been presented in the class syllabus for MSCI 4305 – Advanced Problem Solving at Texas A&M University-Corpus Christi.

Student Signature ______________________________Date_______________

Instructor Signature ______________________________ Date_______________